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[54] **SUBSEA FLOW LINE CONNECTOR**

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[58] Field of Search 277/180, 235 R, 277/233, 227; 405/169; 285/24, 910, 917, 363, 364, 368, 379, 93

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[57] **ABSTRACT**

A flowline connector will remotely connect subsea flowlines without the assistance of a diver. The flowline connector has a frame which supports a seal carrier plate assembly. Springs allow axial movement of the carrier plate assembly during engagement of mating hubs of flowlines. A metal seal carried by the carrier plate assembly engages conical seats in the hubs of the two flowlines. An elastomeric test seal located radially outward of the metal seal seals between flat faces of the hubs of the flowlines. The test seals elongate radially to wipe the sealing surfaces clean during the makeup.

17 Claims, 4 Drawing Sheets

